

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1802	(gabapentin or "1-(aminomethyl)cyclohexanecarboxylic acid" or "CI 945" or "CI-945" or "GO 3450" or "GO-3450" or "GOE 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450" or "Neurontin" or "gabapentin lactam" or "gabapentin-lactam" or "GBP-L" or "GBP" or ((gabapentin with (lactam))) or "2-azaspiro[4,5]decan-3-one" or "2-aza-spiro[4,5]decan-3-one" or "2-azaspiro[4,5]decan-3-on" or "2-aza-spiro[4,5]decan-3-on" or "2-azaspiro\$decan-3-one" or "2-aza-spiro\$decan-3-one" or "2-azaspiro\$decan-3-on" or "2-aza-spiro\$decan-3-on" or "8-azaspiro[5,4]decan-9-one" or "8-aza-spiro[5,4]decan-9-on" or "8-aza-spiro[5,4]decan-9-on" or "8-azaspiro\$decan-9-one" or "8-aza-spiro\$decan-9-one" or "8-azaspiro\$decan-9-on" or "8-aza-spiro\$decan-9-on")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 14:41

L2	74	<p>("gabapentin lactam" or "gabapentin-lactam" or "GBP-L" or "iGBPL" or ((gabapentin) with (lactam)) or "2-azaspiro[4,5]decan-3-one" or "2-aza-spiro[4,5]decan-3-one" or "2-azaspiro[4,5]decan-3-on" or "2-aza-spiro[4,5]decan-3-on" or "2-azaspiro\$decan-3-one" or "2-aza-spiro\$decan-3-one" or "2-azaspiro\$decan-3-on" or "2-aza-spiro[5,4]decan-9-one" or "8-aza-spiro[5,4]decan-9-on" or "8-aza-spiro[5,4]decan-9-on" or "8-azaspiro\$decan-9-one" or "8-aza-spiro\$decan-9-on" or "8-aza-spiro\$decan-9-on")</p>	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 14:44
L5	1408	<p>L1 AND (\$parenteral\$ or \$parenteral or parenteral\$ or inject\$ or inject or injected or injection or injectable or "hypodermic needle" or "hypodermic inject\$" or intraarterial\$ or intra-arterial\$ or intravenous\$ or intra-venous\$ or transfusion or infusion or intramuscular\$ or intra-muscular\$ or subcutaneous\$ or sub-cutaneous\$ or intracutaneous\$ or intra-cutaneous\$ or transcutaneous\$ or trans-cutaneous\$ or percutaneous\$ or per-cutaneous\$ or intradermal\$ or intra-dermal\$ or intradermic\$ or intra-dermic\$ or transdermal\$ or trans-dermal\$ or transdermic\$ or trans-dermic\$ or inhalation\$ or transmucosal or trans-mucosal\$ or sublingual\$ or epidural\$ or intrathecal\$ or intra-thecal\$ or ((inject\$ or inject or injected or injection or injectable or \$fusion) with (\$spine or \$spinal or brain)) or intraosseous\$ or intra-osseous\$)</p>	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 14:48

L9	1079	L5 AND (heat or melt or antiseptic\$ or anti-septic\$ or antisepticiz\$ or anti-septiciz\$ or antiseptics\$ or anti-septics\$ or septic\$ or asepti\$ or aseptiz\$ or aseptis\$ or asepsis or antiseptis or anti-sepsis or aseptif\$ or sanitiz\$ or sanitis\$ or steril\$ or steriliz\$ or sterilis\$ or autoclav\$ or auto-clav\$ or "auto clav\$")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 14:49
L16	1004	L9 AND (purif\$ or ((remov\$) with (impurit\$)) or filter\$ or filtrat\$ or centrifug\$ or crystalliz\$ or distil\$ or "column chromatography" or "liquid chromatography" or "high performance liquid chromatography" or "high-performance liquid chromatography" or HPLC or "gas chromatography" or chromatography or decant\$ or precipitat\$ or extract\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 15:15
L17	522	L16 AND (ampoule or ampoul or ampule or ampul or ampulla or "glass vial" or "glass phial" or "glass vessel" or "glass container" or "glass bottle" or ((hermitic\$ or seal\$ or steril\$ or glass or inject\$ or needle or hypodermic) with (vial or phial or vessel or container or bottle)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 15:12

L18	20	L17 AND ((heat or melt\$ or autoclav\$ or auto-clav\$ or "auto clav\$" or temperature) SAME (antiseptic\$ or anti-septic\$ or antisepticiz\$ or anti-septiciz\$ or antisepticis\$ or anti-septicis\$ or septic\$ or aseptic\$ or asepticiz\$ or asepsis\$ or antiseptis\$ or sanitiz\$ or sanitiz\$ or steriliz\$ or steriliz\$ or sterilis\$) SAME (ampoule or ampoul or ampule or ampul or ampulla or "glass vial" or "glass phial" or "glass vessel" or "glass container" or "glass bottle" or hermitic\$ or seal\$ or glass or vial or phial or vessel or container or bottle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 15:16
-----	----	---	---	----	----	------------------

=> S gabapentin/CN
L1 1 GABAPENTIN/CN

=> D L1 1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 60142-96-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN Cyclohexaneacetic acid, 1-(aminomethyl)- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1-(Aminomethyl)cyclohexaneacetic acid

CN CI 945

CN **Gabapentin**

CN Go 3450

CN GOE 2450

CN GOE 3450

CN Neurontin

FS 3D CONCORD

MF C9 H17 N O2

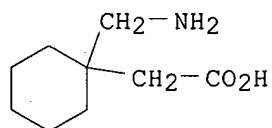
CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,
CHEMCATS, CHEMLIST, CIN, CSCHM, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB,
IFIPAT, IFIUDB, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA,
MEDLINE, MRCK*, MSDS-OHS, PHAR, PROMT, PROUSDDR, PS, RTECS*, SCISEARCH,
SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: EINECS**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1210 REFERENCES IN FILE CA (1907 TO DATE)

44 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

1222 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> S "Gabapentin Lactam"/CN

L2 0 "GABAPENTIN LACTAM"/CN

=> S Gabapentin-Lactam/CN

L9 1 GABAPENTIN-LACTAM/CN

=> D L9 1

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 64744-50-9 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Azaspiro[4.5]decan-3-one (6CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

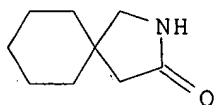
CN Gabapentin-lactam

FS 3D CONCORD

MF C9 H15 N O

LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
CSCHEM, IFICDB, IFIPAT, IFIUDB, PS, RTECS*, SPECINFO, TOXCENTER, USPAT2,
USPATFULL

(*File contains numerically searchable property data)

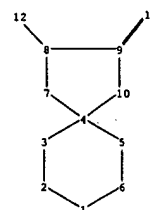
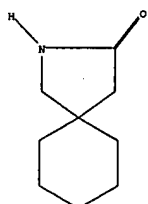


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

38 REFERENCES IN FILE CA (1907 TO DATE)

38 REFERENCES IN FILE CAPLUS (1907 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)



chain nodes :

11 12

ring nodes :

1 2 3 4 5 6 7 8 9 10

chain bonds :

8-12 9-11

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 4-10 5-6 7-8 8-9 9-10

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 4-7 4-10 5-6 7-8 8-9 9-10 9-11

exact bonds :

8-12

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom 11:CLASS 12:CLASS

=> S L9
L11 38 L9
=> D L11 1-38
L11 ANSWER 1 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:58428 CAPLUS
DN 143:78483
TI Process for the preparation of gabapentin
IN Gopal, Damodaragounder
SO USA
U.S. Pat. Appl. Publ., 6 pp.
DT Patent
LA English
FAN CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI US 2005148792 A1 20050707 US 2004-749199 20040102
PRAI US 2004-749199 20040102
OS MARPAT 143:78483
L11 ANSWER 2 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:40256 CAPLUS
DN 142:457037
TI 2-Pyridolidone derivatives and their use in protecting mammalian cells
IN agastat oxidation stress
Fuerstlein, Thomas; Foerstermann, Ulrich; Li, Huige
Universitaetsklinikum Freiburg, Germany; Johannes-Gutenberg-Universitaet
Mainz
Eur. Pat. Appl., 15 pp.
DT Patent
LA English
FAN CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI EP 1529528 A1 20050511 EP 2003-25690 20031107
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRAI EP 2003-25690 20031107
OS MARPAT 142:457037
RE CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT
L11 ANSWER 3 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:207867 CAPLUS
DN 142:246293
TI A process for the preparation of substantially pure gabapentin
IN Rajamannar, Thennatt; Rajeev, Rehani
PA Sun Pharmaceutical Industries Ltd., India
SO Indian, 16 pp.
DT Patent
LA English
FAN CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI IN 188097 A 20020817 IN 2000-M062 20000120
IN 191332 A 20031122 IN 2001-M0863 20010910
PRAI IN 2000-M062 A 200000120
L11 ANSWER 4 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:15946 CAPLUS

DN 142:100432
TI Process for producing injectable gabapentin compositions
IN Hildebrand, Keith R.; Page, Linda M.; Lane, Deanna S.; Elsberry, Dennis
D.; Clarian, David A.; Ratnayake, Jayantha H.
PA Medtronic, Inc., USA
SO U.S. Pat. Appl. Publ., 9 pp., Cont.-in-part of U.S. Ser. No. 611,459.
DT Patent
LA English
FAN CNT 4
PATENT NO. KIND DATE APPLICATION NO. DATE
PI US 2005004220 A1 20050106 US 2004-808113 20040324
US 2004062819 A1 20040401 US 2003-611459 20030701
US 2005090548 A1 20050428 US 2004-807827 20040324
US 2005090549 A1 20050512 US 2004-807828 20040324
WO 2005041947 A1 20050512 WO 2004-US34676 20041021
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BE, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, EA, EC, EE, EG, ES, FI, GB, GR,
GE, GH, GM, GU, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SI,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, VZ, VC, VN, YU, ZA, ZM, ZW
RW: BM, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, GM, ML, MR, NE,
SN, TD, TG
WO 2005042072 A1 20050512 WO 2004-US34779 20041021
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BE, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, EA, EC, EE, EG, ES, FI, GB, GR,
GE, GH, GM, GU, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SI,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, VZ, VC, VN, YU, ZA, ZM, ZW
RW: BM, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, GM, ML, MR, NE,
SN, TD, TG
WO 2005044252 A1 20050519 WO 2004-US34689 20041021
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BE, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, EA, EC, EE, EG, ES, FI, GB, GR,
GE, GH, GM, GU, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SI,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, VZ, VC, VN, YU, ZA, ZM, ZW
RW: BM, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, GM, ML, MR, NE,
SN, TD, TG

[illegible]

SO Arzneimittelforschung (2004), 54(3), 139-142
 CODEN: ARZMAD; ISSN: 0004-4172
 PB Editio Cantor Verlag
 DT Journal
 LA English
 RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 11 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:265299 CAPLUS
 DN 141:343252
 TI Retinal ganglion cell survival is enhanced by gabapentin-lactam in vitro: evidence for involvement of mitochondrial KATP channels
 AU Pielen, Aemile; Kirsch, Matthias; Hofmann, Hans-Dietrich; Feuerstein, Thomas J.; Lagreze, Wolf A.
 CS Department of Neuroophthalmology, Albert-Ludwig University of Freiburg, Freiburg, 79106, Germany
 SO Graefes Archive for Clinical and Experimental Ophthalmology (2004), 242(3), 240-244
 CODEN: GACODL; ISSN: 0721-832X
 PB Springer-Verlag
 DT Journal
 LA English
 RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 12 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:940118 CAPLUS
 DN 140:287671
 TI Stereochemistry of gabapentin and several derivatives: solid state conformation and solution equilibria
 AU Ananda, K.; Aravinda, S.; Vasudev, Prema G.; Raja, K. Muruga Popathi; Sivasankarishnan, H.; Nagarajan, K.; Shamala, N.; Balaram, P.
 CS Molecular Biophysics Unit, Indian Institute of Science, Bangalore, 560 012, India
 SO Current Science (2003), 85(7), 1002-1011
 CODEN: CUSCAM; ISSN: 0011-3891
 PB Current Science Association
 DT Journal
 LA English
 OS CASREACT 140:287671
 RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 13 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:900395 CAPLUS
 DN 140:146426
 TI Hydroxy-de-halogenation and consecutive deprotection of chlorinated N-amido-pyrrolidin-2-ones with Raney-Ni: an effective approach to gabapentin
 AU Cognigni, Rita; Ghelfi, Franco; Pagnoni, Ugo M.; Parsons, Andrew F.; Dipartimento di Chimica, Universita degli Studi di Modena e Reggio Emilia, Modena, I-41100, Italy
 SO Tetrahedron (2003), 59(50), 9951-9960
 CODEN: TETRAH; ISSN: 0040-4020
 PB Elsevier Science B.V.
 DT Journal
 LA English
 OS CASREACT 140:146426
 RE.CNT 82 THERE ARE 82 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 14 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:719449 CAPLUS
 DN 139:245892
 TI Preparation of 2-azapirrolid-6]undecane-3-thione and related compounds for the treatment of pain
 AU Meese, Claus; Selve, Norma; Schmidt, Dirk
 SO Schwarz Pharma AG, Germany
 PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FMN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003074486	A1	20030912	WO 2003-EP1986	20030227
W: AG, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
DE 10210190	AA	20030925	DE 2002-10210190	20030307
CA 2477124	AA	20030912	CA 2003-2477124	20030227
EP 1485352	A1	20041215	EP 2003-743342	20030227
EP 1485352	B1	20050629		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK, HR 200307922	A	20041221	HR 2003-7922	20030227
EP 1520854	A2	20050406	EP 2004-29311	20030227
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK, AT 298745	E	20050715	AT 2003-743342	20030227
JP 200526745	T2	20050908	JP 2003-572956	20030227
PRAT DE 2002-10210190	A	20020307		
EP 2003-743342	A3	20030227		
WO 2003-EP1986	W	20030227		
OS MARPAT 139:245892				
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L11 ANSWER 15 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:598450 CAPLUS
 DN 139:292069
 TI Metal-catalysed radical cyclisations leading to N-heterocycles: new approaches to gabapentin and pulchellalactam
 AU Bryans, Justin S.; Chessum, Nicola E. A.; Rutherford, Nathalie; Parsons, Andrew F.; Ghelfi, Franco
 CS Pfizer Global Research and Development, Kent, CT13 9NJ, UK
 SO Tetrahedron (2003), 59(33), 6221-6231
 CODEN: TETRAH; ISSN: 0040-4020
 PB Elsevier Science B.V.
 DT Journal
 LA English
 OS CASREACT 139:292069
 RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 16 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:591134 CAPLUS
 DN 139:149347
 TI Methods for producing substituted acrylic acid esters and their use in

producing γ -amino acids
IN Przeworsky, Michael Thomas; Puetz, Claudia
PA Gruenenthal GmbH, Germany
SO PCT Int. Appl., 24 pp.
CODEN: PIXXD2

DT Patent
LA German
FRM CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003062185	A1	20030731	WO 2003-EP213	20030111
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GR, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, NI, NG, TD, TG, DE 10203122	A1	20030731	EP 2002-10203122	20020125
EP 1472210	A1	20041103	EP 2003-704380	20030111
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK, PT, A1				
US 2005043565	A	20050224	US 2004-894389	20040719
PRAT DE 2002-10203122	A	20020125		
WO 2003-EP213	W	20030111		
OS CASREACT 139:149347; MARPAT 139:149347				
RE CNT 5				

ALL CITATIONS AVAILABLE IN THE RE FORMAT

111 ANSWER 17 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:113400
DN 138:153247
TI Hydrolysis process for the production of 1-(aminomethyl)cyclohexylacetic acid in pure form from 2-azaspiro[4.5]decan-3-one
IN Peverall, Diego; Fornaroli, Mirco; Velardi, Francesco
PA Procos S.p.A., Italy
SO U.S., 5 pp.
CODEN: USXXAM
DT Patent
LA English
FRM CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6518456	B1	20030211	US 2002-170629	20020614
NI 1021767	C1	20030624	NL 2002-1021767	20021029
PRAT IT 2001-MI2750	A	20011221		
OS CASREACT 138:153247				
RE CNT 12				

ALL CITATIONS AVAILABLE IN THE RE FORMAT

111 ANSWER 18 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:23556
DN 138:73534
TI Process for the preparation of 1-(aminomethyl)-1-cyclohexanecarboxylic acid
IN Velardi, Francesco; Fornaroli, Mirco
PA Procos S.p.A., Italy
SO U.S. Pat. Appl. Publ., 5 pp.
CODEN: USXXCO
DT Patent
LA English
FRM CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2003009055	A1	20030109	US 2002-156059	20020529
US 6521788	B2	20030218		
PRAT IT 2001-MI1132	A	20010529		

111 ANSWER 19 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:889559
DN 137:363097
TI 2-Pyrrolidinone derivatives substituted at position 4 for reducing the extracellular glutamate level and treating polyglutamine disorders
IN Feuerstein, Thomas J.; Knoerle, Rainer
PA Germany
SO U.S. Pat. Appl. Publ., 20 pp., Cont.-in-part of U.S. 6,384,069.
CODEN: USXXCO
DT Patent
LA English
FRM CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2002173537	A1	20021121	US 2002-108879	20020329
US 6384069	B1	20020507	US 2000-554587	20000712
US 200528035	A1	20051013	US 2005-140737	20050601
PRAT US 2000-554587	A2	20000712		
DE 1997-19751062	A	19971118		
WO 1998-EP7383	W	19981117		
US 2002-108879	A3	20020329		
MARPAT 137:363097				

111 ANSWER 20 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:603339
DN 138:180523
TI Preferential action of gabapentin and pregabalin at P/Q-type voltage-sensitive calcium channels: Inhibition of K⁺-evoked [3H]-norepinephrine release from rat neocortical slices
AU Dooley, David J.; Donovan, Cindy M.; Heder, Wolfgang F.; Wietzel, Steven Z.
CS Department of CNS Pharmacology, Pfizer Global Research and Development, Ann Arbor, MI, 48105, USA
SO Synapse (New York, NY, United States) (2002), 45(3), 171-190
CODEN: SYNACT; ISSN: 0887-4476
PB Wiley-Liss, Inc.
DT Journal
LA English
RE CNT 43

ALL CITATIONS AVAILABLE IN THE RE FORMAT

111 ANSWER 21 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:71400
DN 137:134908
TI The neuroprotective properties of gabapentin-lactam
AU Lagreze, Wolf A.; Muller-Velten, Rike; Feuerstein, Thomas J.
CS Department of Ophthalmology, Albert-Ludwigs University of Freiburg, Freiburg, 79102, Germany
SO Graefes Archive for Clinical and Experimental Ophthalmology (2001), 239(11), 845-849
CODEN: GACODL; ISSN: 0721-832X
PB Springer-Verlag
DT Journal
LA English
RE CNT 31

ALL CITATIONS AVAILABLE IN THE RE FORMAT

111 ANSWER 22 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:330417 CAPLUS
 DN 134:361301
 TI The effect of gabapentin and gabapentin-lactam on retinal ganglion cell survival in an animal model in acute retinal ischemia
 AU Jähle, T.; Feuerstein, T. J.; Lagreze, W. A.
 CS Klin. Neuropharmacol., 2001, 24(3), 237-241
 SO Ophthalmologie (2001), 98(3), 237-241
 CODEN: OPHLEJ; ISSN: 0941-293X
 PB Springer-Verlag
 DT Journal
 LA German
 RE.CNT 24
 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

LI1 ANSWER 23 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2000:552622 CAPLUS
 DN 133:187866
 TI Gabapentin-lactam (8-aza-spiro[5,4]decan-9-on; GBP-L) inhibits oxygen glucose deprivation-induced [3H]glutamate release and is a neuroprotective agent in a model of acute retinal ischemia
 AU Jähle, Thomas; Lagreze, Wolf A.; Blauth, Eckard; Knörle, Rainer; Schmitz, Peter; Lucking, Carl Hermann; Feuerstein, Thomas J.
 CS Sektion Klinische Neuropharmacologie der Neurologischen Universitätsklinik, Neurozentrum Freiburg, D-79106, Germany
 SO Naunyn-Schmiedeberg's Archives of Pharmacology (2000), 362(1), 74-81
 CODEN: NSAPPC; ISSN: 0028-1298
 PB Springer-Verlag
 DT Journal
 LA English
 RE.CNT 58
 THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

LI1 ANSWER 24 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2000:192914 CAPLUS
 DN 132:274252
 TI Gabapentin-lactam, a close analogue of the anticonvulsant gabapentin, exerts convulsant activity in amygdala kindled rats
 AU Potchika, Heidem; Feuerstein, Thomas J.; Loscher, Wolfgang
 CS Department of Pharmacology, Toxicology and Pharmacy, School of Veterinary Medicine, Hannover, D-30559, Germany
 SO Naunyn-Schmiedeberg's Archives of Pharmacology (2000), 361(2), 200-205
 CODEN: NSAPPC; ISSN: 0028-1298
 PB Springer-Verlag
 DT Journal
 LA English
 RE.CNT 34
 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

LI1 ANSWER 25 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1999:350647 CAPLUS
 DN 130:347427
 TI 4-Substituted 2-pyrrolidinone derivatives to reduce the level of extracellular glutamate
 AU Feuerstein, Thomas J.; Knörle, Rainer
 CS Klinikum der Albert-Ludwigs-Universität Freiburg, Germany
 SO PCT Int. Appl., 27 pp.
 CODEN: FIXDZ
 DT Patent
 LA German
 FM.CNT 2
 PATENT NO. KIND DATE APPLICATION NO. DATE
 WO 9925683 A1 19990527 WO 1998-EP7383 19981117
 W: CA, CN, JP, US

FM: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
 DE 19751062 A1 19990708 DE 1997-19751062 19971118
 CA 210319 A2 19990527 CA 1998-2310319 19981117
 EP 1032560 A1 20000906 EP 1998-963476 19981117
 EP 1032560 B1 20041229
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI
 JP 2001523659 T2 20011127 JP 2000-521067 19981117
 EP 1486487 A1 20041215 EP 2004-22320 19981117
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY
 AT 285768 E 20050115 AT 1998-963476 19981117
 PT 1032560 T 20050429 PT 1998-963476 19981117
 ES 2232976 T3 20050601 ES 1998-963476 19981117
 US 6384069 B1 20020507 US 2000-554587 20000712
 US 2005228035 A1 20051013 US 2005-140737 20050601
 PRAI DE 1997-19751062 A 19971118
 EP 1998-963476 A3 19981117
 WO 1998-963476 W 19981117
 US 2000-554587 A2 20000712
 US 2002-108879 A3 20020329
 MARPAT 130:347427
 RE.CNT 9
 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

LI1 ANSWER 26 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1999:216888 CAPLUS
 DN 130:223583
 TI Novel stereoselective processes for the preparation of gabapentin analogs
 IN Bryans, Justin Stephen; Morrell, Andrew Ian
 PA Warner-Lambert Company, USA
 SO PCT Int. Appl., 23 pp.
 CODEN: FIXDZ
 DT Patent
 LA English
 FM.CNT 1
 PATENT NO. KIND DATE APPLICATION NO. DATE
 WO 9914184 A1 19990325 WO 1998-US16652 19980811
 W: AU, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, GR, HU, ID, IL, IS, JP, KR, LC, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KC, KZ, MD, RU, TJ, TM
 RM: CH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 CA 2295993 A 19990325 CA 1998-2295993 19980811
 CA 2295993 C 20040504 AU 1998-87791 19980811
 AU 9887791 A1 19990405
 AU 752444 B2 20020919
 EP 1015415 A1 20000705
 EP 1015415 B1 20030507
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO
 BR 9812351 A 20000919 BR 1998-12351 19980811
 JP 2001516738 T2 20011002 JP 2000-511737 19980811
 NZ 502786 A 20020531 NZ 1998-502786 19980811
 AT 239695 E 20030515 AT 1998-939340 19980811
 PT 1015415 T 20030930 PT 1998-939340 19980811
 ES 2197493 T3 20040101 ES 1998-939340 19980811
 ZA 9808508 19990330 ZA 1998-8508 19980817
 US 6465689 20021015 US 1998-445633 19991208
 MX 20000063 A 20000831 MX 2000-63 20000103

NO 2000001404 A 20000317 NO 2000-1404 20000317
PRAI US 1997-59204P P 19970918
WO 1998-US16652 W 19980811
OS CASREACT 130:223583
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 27 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1994:508049 CAPLUS
DN 121:108049
TI Preparation of 1-(aminomethyl)cycloalkaneacetic acids.
IN Jennings, Rex A.; Johnson, Don R.; Seaman, Ronald E.; Zeller, James R.
SO Warner-Lambert Co., USA
U.S., 11 pp. Cont.-in-part of U.S.Ser.No 846,509
SO CODEN: USXXAM
DT Patent
LA English
FM.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5319135	A	19940607	US 1993-72212	19930604
US 5132451	A	19920721	US 1990-564623	19900810
ZA 9006766	A	19920429	ZA 1990-6766	19900824
KR 169475	B1	19990320	KR 1990-13103	19900824
US 5693845	A	19971202	US 1992-846509	19920306
US 5362883	A	19941108	US 1984-208771	19940308
FI 9502034	A	19950428	FI 1993-2034	19950428
FI 107913	B1	20011031		
NO 9504929	A	19951205	NO 1995-4929	19951205
NO 180296	B	19961216		
NO 180296	C	19970326		
NO 9504930	C	19951205	NO 1995-4930	19951205
NO 180298	B	19961216		
NO 180298	C	19970326		
NO 9504931	A	19951205	NO 1995-4931	19951205
NO 180299	B	19961216		
NO 9504932	C	19970326		
NO 180301	B	19951205	NO 1995-4932	19951205
NO 180301	C	19970326		
PRAI US 1989-399056	B2	19970326		
US 1990-564623	A3	19900810		
US 1992-846509	A2	19920306		
FI 1990-4164	A	19900822		
NO 1990-3732	A	19900824		
US 1993-72212	A3	19930604		
OS CASREACT 121:108049; MARPAT 121:108049				

L11 ANSWER 28 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1992:91232 CAPLUS
DN 116:91232
TI The effect of cycloalkanes on the rate of intramolecular lactamization of
gabapentin in aqueous solution
AU Kearney, A. S.; Mehta, S. C.; Radebaugh, G. W.
CS Parke-Davis Pharm. Res. Div., Warner-Lambert Co., Morris Plains, NJ,
07960, USA
SO International Journal of Pharmaceutics (1992), 78(1), 25-34
CODEN: IJPHDE; ISSN: 0378-5173
DT Journal
LA English
L11 ANSWER 29 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1991:450299 CAPLUS
DN 115:50299

TI Preparation of cyclic amino acid derivatives
IN Steiner, Klaus; Herrmann, Wolfgang; Crone, Gunter; Combs, Charles
SO Goedecke A.-G., Germany
PA Eur. Pat. Appl., 9 pp.
SO CODEN: EPXXDM
DT Patent
LA German
FM.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 414275	A2	19910227	EP 1990-116293	19900824
EP 414275	A3	19910515		
EP 414275	B1	19931208		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
DE 3928184	A1	19910228	DE 1989-3928184	19900825
US 5068413	A	19911126	US 1990-570493	19900821
KR 179657	B1	19990515	KR 1990-12974	19900822
IL 95480	A1	19950629	IL 1990-95480	19900823
HU 54624	A2	19910328	HU 1990-5333	19900824
HU 208521	B	19931129		
JP 03090054	A2	19910416	JP 1990-221423	19900824
JP 2839344	B2	19981216		
AT 98219	E	19931215	AT 1990-116293	19900824
ES 2059938	T3	19941116	ES 1990-116293	19900824
FI 103506	B1	19990715	FI 1990-4204	19900824
KR 179946	B1	19990515	KR 1998-32195	19980807
KR 192007	B1	19990615	KR 1998-32196	19980807
PRAI DE 1989-3928184	A	19900825		
KR 1990-12974	A	19900822		
EP 1990-116293	A	19900824		
OS CASREACT 115:50299; MARPAT 115:50299				

L11 ANSWER 30 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1991:429916 CAPLUS
DN 115:29916
TI Preparation of lactam-free 1-aminomethyl-1-carboxymethylcycloalkanes and
drug compositions containing them
IN Augart, Helmut; Gebhardt, Uwe; Herrmann, Wolfgang
SO Goedecke A.-G., Germany
SO Eur. Pat. Appl., 8 pp.
SO CODEN: EPXXDM
DT Patent
LA German
FM.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 414263	A2	19910227	EP 1990-116265	19900824
EP 414263	A3	19910605		
EP 414263	B1	19941026		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
DE 3928183	A2	19910228	DE 1989-3928183	19900825
JP 03090053	A1	19910416	JP 1990-221422	19900824
JP 3148223	B2	20010319		
ES 2063219	T3	19950101	ES 1990-116265	19900824
US 6054482	A	20000425	US 1993-57618	19950125
BR 2000002663	A	20020219	BR 2000-2663	20000710
JP 2001058916	A2	20010306	JP 2000-270023	20000824
PRAI DE 1989-3928183	A	19900825		
US 1990-570500	B1	19900821		
JP 1990-221422	A3	19900824		
US 1992-865723	B1	19920408		
US 1993-20270	B1	19930218		
JP 2000-270023	A	20000824		

OS MARPAT 115:29916

L11 ANSWER 31 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1991:229385 CAPLUS

DN 114:229385

TI Process for the preparation of 1-aminomethyl-1-cyclohexanecarboxylic acid (gabapentin)

IN Geibel, Wolfgang; Hartenstein, Johannes; Herrmann, Wolfgang; Wiltke, Joachim

PA Goedecke A.-G., Germany

SO Eur. Pat. Appl., 12 pp.

DT Patent

LA German

FRAN CNT 1 -

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 414274	A2	19910227	EP 1990-116292	19900824
EP 414274	A3	19910515		
EP 414274	B1	19930623		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
DE 3928182	A1	19910228	DE 1989-3928182	19900825
US 5091567	A	19920225	US 1990-570487	19900821
IL 95479	A1	19960912	IL 1990-95479	19900823
HU 54623	A2	19910328	HU 1990-5332	19900824
HU 207284	B	19930329		
JP 0318355	A2	19910520	JP 1990-221421	19900824
JP 2846084	B2	19900113		
AT 90936	E	19930715	AT 1990-116292	19900824
ES 2058707	T3	19941101	ES 1990-116292	19900824
FI 103040	B1	19990415	FI 1990-4203	19900824
FRAT DE 1989-3928182	A	19890825		
EP 1990-116292	A	19900824		
OS CASREACT 114:229385				

L11 ANSWER 32 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1981:174460 CAPLUS

DN 94:174460

TI 1-Aminomethyl-1-cycloalkane acetic acid

IN Hartenstein, Johannes; Satzinger, Gerhard

PA Warner-Lambert Co., USA

SO Can., 15 pp.

CODEN: CAXX44

DT Patent

LA English

FRAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 1085420	A1	19800909	CA 1977-274702	19770324
FRAT CA 1977-274702	A	19770324		

L11 ANSWER 33 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1979:474263 CAPLUS

DN 91:74263

TI N-Sulfonyloxy-1,1-cyclohexanediethylamides

IN Hartenstein, Johannes; Satzinger, Gerhard

PA Warner-Lambert Co., USA

SO U.S., 5 pp.

CODEN: USXXM

DT Patent

LA English

FRAN CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 1085420	A1	19800909	CA 1977-274702	19770324
FRAT CA 1977-274702	A	19770324		

L11 ANSWER 34 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1978:136202 CAPLUS

DN 88:136202

TI Cyclic amino acid derivatives

IN Hartenstein, Johannes; Satzinger, Gerhard; Herrmann, Manfred

PA Goedecke A.-G., Fed. Rep. Ger.

SO Ger. Offen., 26 pp.

CODEN: GWXXBX

DT Patent

LA German

FRAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2626467	A1	19771229	DE 1976-2626467	19760612
DE 2626467	C2	19841122		
JP 52153946	A2	19771221	JP 1977-68742	19770610
JP 5603385	B4	19810803		
AU 7726024	A1	19781214	AU 1977-26024	19770610
AU 508829	B2	19800313		
CA 1094097	A1	19810120	CA 1977-280334	19770610
FRAT DE 1976-2626467	A	19760612		

L11 ANSWER 35 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1977:600899 CAPLUS

DN 87:200899

TI Cyclic sulfonyloxyamides

IN Hartenstein, Johannes; Satzinger, Gerhard

PA Goedecke A.-G., Fed. Rep. Ger.

SO Ger. Offen., 19 pp.

CODEN: GWXXBX

DT Patent

LA German

FRAN CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2611690	A1	19770922	DE 1976-2611690	19760319
DE 2611690	C2	19920116		
US 4152326	A	19790501	US 1977-775336	19770307
GB 1575709	A	19800824	GB 1977-11097	19770316
BE 852591	A1	19770919	BE 1977-45936	19770317
SE 7703018	A	19770920	SE 1977-3018	19770317
SE 442013	B	19851125		
FR 2344540	A1	19860306	FR 1977-7961	19770317
FR 2344540	B1	19871014		
DK 7701200	A	19771014	DK 1977-1200	19770318
DK 156826	B	19891009		
DK 156826	C	19900312		
NL 7703014	A	19770921	NL 1977-3014	19770318
NL 186634	B	19900816		
NL 186634	C	19910116		
JP 52113977	A2	19770924	JP 1977-29345	19770318
AU 7723414	A1	19780921	AU 1977-23414	19770318
AU 513892	B2	19810115		
CH 635066	A	19830315	CH 1977-3437	19770318
ES 457050	A1	19780816	ES 1977-457050	19770321
DK 8200872	A	19820226	DK 1982-872	19820226
DK 156770	B	19891002		
DK 156770	C	19900319		

SE 8205469 A 19820924 SE 1982-5469 19820924
SE 454273 B 19880418
SE 454273 C 19880728
DK 8802146 A 19880420 DK 1988-2146 19880420
DK 159680 B 19901119
DK 159680 C 19910422
PRAI DE 1976-2611690 A 19760319
DK 1977-1200 A 19770318

L11 ANSWER 36 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1977:51774 CAPLUS
DN 87:11774
TI N-Substituted spirolactams
IN Hartenstein, Johannes; Satzinger, Gerhard; Herrmann, Manfred; Heldt, Wolfgang
PA Goedecke A.-G., Fed. Rep. Ger.
SO Ger. Offen., 23 pp.
CODEN: GWMXXH
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2557220	A1	1970623	DE 1975-2557220	19751219
DE 2557220	C2	19880901		
GB 1563232	A	19800326	GB 1976-51658	19761210
CA 1064941	A1	19791023	CA 1976-267999	19761216
BE 849587	A1	1970617	BE 1976-6045797	19761217
NL 7614093	A	1970621	NL 1976-14093	19761217
FR 2335213	A1	1970715	FR 1976-38166	19761217
FR 2335213	B1	19800418		
JP 52089667	A2	1970727	JP 1976-151841	19761217
JP 61012900	B4	19860410		
US 4228179	A	19801014		
US 1975-2557220	A	19751219	US 1976-924277	19780713
US 1976-746776	A1	19761202		

L11 ANSWER 37 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1960:87604 CAPLUS
DN 54:87604
OREF 54:165531,16554
TI Pharmacology of a series of a new central-nervous stimulants
AU Enders, A.; Vigeliuss, W. D.; van Wessum, G. C.
CS Codecke & Co., Memmingen, Germany
SO Arzneimittel-Forschung (1960), 10, 243-50
CODEN: ARZMND; ISSN: 0004-4172
DT Journal
LA Unavailable

L11 ANSWER 38 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1929:7025 CAPLUS
DN 23:7025
OREF 23:8181,819-a-d
TI Substituted butyrolactams
AU Sircar, Sarbani Sahay Guha
SO J. Indian Chem. Soc. (1928), 5, 549-54
DT Journal
LA Unavailable

=> S L11 and (epidural? or intrathecal? or intra-thecal?)
2481 EPIDURAL?
6366 INTRATHECAL?
48843 INTRA

1 INTRAS
48843 INTRA
(INTRA OR INTRAS)
1082 THECAT?
10 INTRA-THECAT?
(INTRA(W)THECAT?)
L12 2 L11 AND (EPIDURAL? OR INTRATHECAL? OR INTRA-THECAL?)

=> D L12 1-2

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:402556 CAPLUS
DN 142:457037
TI 2-Pyrrolidone derivatives and their use in protecting mammalian cells against oxidation stress
IN Feuerstein, Thomas; Foerstermann, Ulrich; Li, Huige
PA Universitätsklinikum Freiburg, Germany; Johannes-Gutenberg-Universität Mainz
SO Eur. Pat. Appl., 15 pp.
CODEN: EPXXDM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1529528	A1	20050511	EP 2003-25690	20031107
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
20031107				
PRAI EP 2003-25690				
OS MARPAT 142:457037				
RE.CNT 6				
ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:15946 CAPLUS
DN 142:100432
TI Process for producing injectable gabapentin compositions
IN Hildebrand, Keith R.; Page, Linda M.; Lane, Deanna S.; Elsberry, Dennis D.; Clabahan, David A.; Ratnayake, Jayantha H.
PA Medtronic, Inc., USA
SO U.S. Pat. Appl. Publ., 9 pp., Cont.-In-part of U.S. Ser. No. 611,459.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 4

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005004220	A1	20050106	US 2004-808113	20040324
US 2004062819	A1	20040401	US 2003-611459	20030701
US 2005090548	A1	20050428	US 2004-807827	20040324
US 2005090549	A1	20050428	US 2004-807828	20040324
WO 2005041947	A1	20050512	WO 2004-US34676	20041021
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GF, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SE, SG, SI, SK, SL, SN, TJ, TM, TN, TR, TT, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AZ, BY, BG, GM, KE, IS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM, ZW, AM, AE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, GQ, GM, ML, MR, NE, SN, TD, TG				
WO 2005041977	A2	20050512	WO 2004-US34690	20041021

MO 2005041977 A3 20050623
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GN, GR, GU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SN, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, MT, MR, NE, SN, TD, TG
NO 2005042072 A1 20050512 MO 2004-US34779 20041021
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GN, GR, GU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SN, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, MT, MR, NE, SN, TD, TG
MO 2005044252 A1 20050519 MO 2004-US34689 20041021
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GN, GR, GU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SN, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, MT, MR, NE, SN, TD, TG
MO 2005044252 B1 20050728 MO 2004-US34689 20041021
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GN, GR, GU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SN, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, MT, MR, NE, SN, TD, TG
PRAI US 2003-611459 A2 20030701
US 2003-513681P P 20031023
US 2003-513682P P 20031023
US 2002-259101 A2 20020927
US 2004-807827 A 20040324
US 2004-807828 A 20040324
US 2004-808054 A 20040324
US 2004-808113 A 20040324
-> S L11 and (Injection or ?fusion) (P) (?spine or ?spinal or brain)
46856 INJECTION
106533 INJECTIONS
531969 INJECTION
(INJECTION OR INJECTIONS)
966390 ?FUSION
6677 ?SPINE
84774 ?SPINAL
501731 BRAIN
23380 BRAINS
504240 BRAIN
(BRAIN OR BRAINS)
58770 (INJECTION OR ?FUSION) (P) (?SPINE OR ?SPINAL OR BRAIN)
L13 0 L11 AND (INJECTION OR ?FUSION) (P) (?SPINE OR ?SPINAL OR BRAIN)
->

FILE 'BIOSIS' ENTERED AT 09:44:39 ON 04 NOV 2005

=> S L9
L14 11 L9

=> D L14 1-11

L14 ANSWER 1 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2004:421420 BIOSIS
DN PREV200400421420
TI Gabapentin-lactam, but not gabapentin, reduces protein aggregates and improves motor performance in a transgenic mouse model of Huntington's disease.
AU Zucker, Birgit; Ludin, Dagmar E.; Gerdts, Thomas A.; Luecking, Carl H.; Landwehrmeyer, G. Bernhard; Feuerstein, Thomas J. [Reprint Author]
CS Dept Neurol, Univ Hosp Freiburg, Breisacherstr 64, D-79106, Freiburg, Germany
SO Feuerhül.uni-freiburg.de
Neunyn-Schmiedeberg's Archives of Pharmacology, (August 2004) Vol. 370, No. 2, pp. 131-139. print.
ISSN: 0028-1298 (ISSN print).
DT Article
LA English
ED Entered STN: 3 Nov 2004
Last Updated on STN: 3 Nov 2004

L14 ANSWER 2 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2004:364467 BIOSIS
DN PREV200400364467
TI Gabapentin-lactam induces the formation of dendritic branches in cultured hippocampal neurons.
AU Henle, F.; Leembhus, J.; Schmid, C.; Feuerstein, T. J.; Meyer, D. K. Neunyn-Schmiedeberg's Archives of Pharmacology, (March 2004) Vol. 369, No. Suppl. 1, pp. R86. print.
Meeting Info.: 45th Spring Meeting of the Deutsche Gesellschaft fuer Experimentelle und Klinische Pharmakologie und Toxikologie, Mainz, Germany, March 09-11, 2004. Deutsche Gesellschaft fuer Experimentelle und Klinische Pharmakologie und Toxikologie.
ISSN: 0028-1298 (ISSN print).
DT Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 8 Sep 2004
Last Updated on STN: 8 Sep 2004

L14 ANSWER 3 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2004:318039 BIOSIS
DN PREV200400318039
TI Retinal ganglion cell survival is enhanced by gabapentin-lactam in vitro: evidence for involvement of mitochondrial KATP channels.
AU Pielien, Amelie; Kirsch, Matthias; Hofmann, Hans-Dieter; Feuerstein, Thomas J.; Lagreze, Wolf A. [Reprint Author]
CS Dept Neuroophthalmol, Univ Freiburg, Killianstr 5, D-79106, Freiburg, Germany
SO mll@lagreze.de
Graefe's Archive for Clinical and Experimental Ophthalmology, (March 2004) Vol. 242, No. 3, pp. 240-244. print.
CODEN: GACODL. ISSN: 0721-832X.
DT Article
LA English
ED Entered STN: 15 Jul 2004
Last Updated on STN: 15 Jul 2004

L14 ANSWER 4 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

AN 2004:269672 BIOSIS
DN PREV200400269672
TI Determination of gabapentin-lactam in serum of patients under gabapentin therapy.
AU Knebel, Rainer; Feuerstein, Thomas J.; Schulze-Bonhage, Andreas [Reprint Author]
CS Epilepsiezentrum, Univ Freiburg Klinikum, Breisacher Str 64, D-79106, Freiburg, Germany
SO schulzebonhage.wkl.uni-freiburg.de
Arzneimittel-Forschung, (2004) Vol. 54, No. 3, pp. 139-142. print.
ISSN: 0004-4172 (ISSN print).
DT Article
LA English
ED Entered STN: 26 May 2004
Last Updated on STN: 26 May 2004

L14 ANSWER 5 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2003:301172 BIOSIS
DN PREV200300301172
TI 13th Meeting of the Network of European CNS Transplantation and Restoration (NECTAR), Amsterdam, Netherlands, December 12-14, 2002.
AU Anonymous
SO Cell Transplantation, (2003) Vol. 12, No. 3, pp. 305-327. print.
Meeting Info.: 13th Meeting of the Network of European CNS Transplantation and Restoration (NECTAR). Amsterdam, Netherlands. December 12-14, 2002.
ISSN: 0963-6897.
DT Conference; (Meeting Summary)
LA English
ED Entered STN: 25 Jun 2003
Last Updated on STN: 25 Jun 2003

L14 ANSWER 6 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2003:139640 BIOSIS
DN PREV200300139640
TI Process for the production of 1-(aminomethyl)-cyclohexyl-acetic acid in pure form.
AU Peverali, Diego [Inventor, Reprint Author]; Fornaroli, Mirco [Inventor]; Velardi, Francesco [Inventor]
CS Camerl, Italy
ASSIGNEE: Procos S.p.A., Camerl, Italy
US 6518456 20030211
Official Gazette of the United States Patent and Trademark Office Patents, (Feb 11 2003) Vol. 1267, No. 2. <http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).
DT Patent
LA English
ED Entered STN: 12 Mar 2003
Last Updated on STN: 9 May 2003

L14 ANSWER 7 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2002:258289 BIOSIS
DN PREV200200258289
TI The neuroprotective properties of gabapentin-lactam.
AU Lagreze, Wolf A. [Reprint author]; Mueller-Velten, Rike; Feuerstein, Thomas J.
CS Department of Ophthalmology, Albert-Ludwigs University of Freiburg, Killianstrasse 5, 79102, Freiburg, Germany
lagreze@wkl.uni-freiburg.de
Graefe's Archive for Clinical and Experimental Ophthalmology, (November, 2003) Vol. 239, No. 11, pp. 845-849. print.
CODEN: GACODL. ISSN: 0721-832X.

DT Article
 LA English
 ED Entered STN: 24 Apr 2002
 Last Updated on STN: 20 May 2002

L14 ANSWER 8 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 AN 2000:385795 BIOSIS
 DN PREV200000395795
 TI Gabapentin-lactam (0-aza-spiro(5,4)decan-9-on; GBP-L) inhibits oxygen
 glucose deprivation-induced (3H) glutamate release and is a neuroprotective
 agent in a model of acute retinal ischemia.
 AU Jhale, Thomas; Lagreze, Wolf A.; Blaust, Eckard; Knoerle, Rainer;
 Schieler, Peter; Lucking, Carl Hermann; Feuerstein, Thomas J. [Reprint
 author]
 CS Abteilung Klinische Neuropharmakologie der Neurologischen
 Universitätsklinik, Neurozentrum, Breitsacher Strasse 64, D-79106,
 Freiburg, Germany
 SO Naunyn-Schmiedeberg's Archives of Pharmacology, (July, 2000) Vol. 362, No.
 1, pp. 74-81. print.
 CODEN: NSAPPC. ISSN: 0028-1298.

DT Article
 LA English
 ED Entered STN: 13 Sep 2000
 Last Updated on STN: 8 Jan 2002

L14 ANSWER 9 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 AN 2000:248855 BIOSIS
 DN PREV200000248855
 TI Gabapentin-lactam: A novel neuroprotective agent.
 AU Lagreze, W. A. [Reprint author]; Mueller-Velten, R. [Reprint author];
 Feuerstein, T. J.
 CS Universitäts-Augenklinik, 79106, Freiburg, Germany
 SO IOVS, (March 15, 2000) Vol. 41, No. 4, pp. S535. print.
 Meeting Info.: Annual Meeting of the Association for Research in Vision and
 Ophthalmology, Fort Lauderdale, Florida, USA, April 30-May 05, 2000.
 DT Association for Research in Vision and Ophthalmology.
 LA English
 ED Entered STN: 14 Jun 2000
 Last Updated on STN: 5 Jan 2002

L14 ANSWER 10 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
 STN
 AN 2000:236065 BIOSIS
 DN PREV200000236065
 TI Neuroprotection with gabapentin-lactam in retinal ischemia: Dose-effect
 relationship in postischemic treatment.
 AU Mueller-Velten, R. [Reprint author]; Lagreze, W. [Reprint author];
 Feuerstein, T.
 CS University Eye Hospital Freiburg, 79106, Freiburg, Germany
 SO IOVS, (March 15, 2000) Vol. 41, No. 4, pp. S14. print.
 Meeting Info.: Annual Meeting of the Association for Research in Vision
 and Ophthalmology, Fort Lauderdale, Florida, USA, April 30-May 05, 2000.
 DT Association for Research in Vision and Ophthalmology.
 LA English
 ED Entered STN: 7 Jun 2000
 Last Updated on STN: 5 Jan 2002

L14 ANSWER 11 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
 STN

AN 2000:100743 BIOSIS
 DN PREV200000100743
 TI Gabapentin-lactam, a close analogue of the anticonvulsant gabapentin,
 exerts convulsant activity in amygdala kindled rats.
 AU Potocka, Heidrun; Feuerstein, Thomas J.; Loescher, Wolfgang [Reprint
 author]
 CS Department of Pharmacology, Toxicology and Pharmacy, School of Veterinary
 Medicine, Bunteweg 11, D-30559, Hannover, Germany
 SO Naunyn-Schmiedeberg's Archives of Pharmacology, (Feb., 2000) Vol. 361, No.
 2, pp. 200-205. print.
 CODEN: NSAPPC. ISSN: 0028-1298.

DT Article
 LA English
 ED Entered STN: 15 Mar 2000
 Last Updated on STN: 3 Jan 2002

=> D HIS
 (FILE 'HOME' ENTERED AT 09:13:50 ON 04 NOV 2005)
 FILE 'REGISTRY' ENTERED AT 09:14:00 ON 04 NOV 2005
 L1 1 S GABAPENTIN/CN
 L2 0 S "GABAPENTIN LACTAM"/CN
 L3 0 S LACTAM/CN

FILE 'STINGUIDE' ENTERED AT 09:15:43 ON 04 NOV 2005
 L4 FILE 'REGISTRY' ENTERED AT 09:24:42 ON 04 NOV 2005
 L5 STRUCTURE UPLOADED
 L6 7 S L4 SSS SAM
 L7 131 S L4 SSS FUL
 L8 0 S L6 AND (EPIDURAL? OR INTRATHECAL? OR INTRA-THECAL?)
 L9 0 S L6 AND (INJECTION OR ?FUSION) (P) (?SPINE OR ?SPINAL OR BRAIN)

FILE 'REGISTRY' ENTERED AT 09:36:18 ON 04 NOV 2005
 L9 1 S GABAPENTIN-LACTAM/CN

FILE 'REGISTRY' ENTERED AT 09:37:09 ON 04 NOV 2005
 L10 1 S 64744-50-9/RN
 SET NOTICE 1 DISPLAY
 SET NOTICE LOGIN DISPLAY
 SET NOTICE 1 DISPLAY
 SET NOTICE LOGIN DISPLAY

FILE 'STINGUIDE' ENTERED AT 09:39:27 ON 04 NOV 2005
 L11 FILE 'CAPLUS' ENTERED AT 09:39:39 ON 04 NOV 2005
 L12 38 S L9
 L13 2 S L11 AND (EPIDURAL? OR INTRATHECAL? OR INTRA-THECAL?)
 L14 0 S L11 AND (INJECTION OR ?FUSION) (P) (?SPINE OR ?SPINAL OR BRAIN)

FILE 'STINGUIDE' ENTERED AT 09:44:29 ON 04 NOV 2005
 L14 FILE 'BIOSIS' ENTERED AT 09:44:39 ON 04 NOV 2005
 L15 11 S L9

=> S L14 and (epidural?) or intrathecal? or intra-thecal?)
 15077 EPIDURAL?
 10979 INTRATHECAL?
 14605 INTRA
 2369 THECAL?
 617 INTRA-THECAL?
 (INTRA(M)THECAL?)

L15 0 L14 AND (EPIDURAL? OR INTRATHECAL? OR INTRA-THCAL?)

=> S L14 AND ((INJECTION OR ?fusion) (P) (?spine OR ?spinal OR brain))

242949 INJECTION

72886 INJECTIONS

288684 INJECTION

(INJECTION OR INJECTIONS)

480879 ?FUSION

34463 ?SPINE

170813 ?SPINAL

480689 BRAIN

28225 BRAINS

488332 BRAIN

(BRAIN OR BRAINS)

65111 (INJECTION OR ?FUSION) (P) (?SPINE OR ?SPINAL OR BRAIN)

0 L14 AND ((INJECTION OR ?fusion) (P) (?spine OR ?spinal OR BRAIN))

=>

L16

=> File Biosis
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.06	581.62

FILE 'BIOSIS' ENTERED AT 09:58:51 ON 04 NOV 2005
Copyright (c) 2005 The Thomson Corporation

FILE COVERS 1969 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNS) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 3 November 2005 (20051103/ED)

FILE RELOADED: 19 October 2003.

=> S 2002:258289/AN
L17 1 2002:258289/AN
(2002:258289/AN)

=> D L17 1

L17 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2002:258289 BIOSIS
DN PREV200200258289
TI The neuroprotective properties of gabapentin-lactam.
AU Lagreze, Wolf A. [Reprint author]; Mueller-Velten, Rike; Feuerstein, Thomas J.
CS Department of Ophthalmology, Albert-Ludwigs University of Freiburg, Killianstrasse 5, 79102, Freiburg, Germany
SO Gaetzel's Archive for Clinical and Experimental Ophthalmology, (November, 2001) Vol. 239, No. 11, pp. 845-849, print.
CODEN: GACODL ISSN: 0721-832X.
DT Article
LA English
ED Entered STN: 24 Apr 2002
Last Updated on STN: 20 May 2002

=> FIL STINGUIDE
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
2.55	584.17

FILE 'STINGUIDE' ENTERED AT 09:59:25 ON 04 NOV 2005
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (c) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 28, 2005 (20051028/UP).

=> S 2000:248855/AN
NUMERIC VALUE NOT VALID '2000:248855'

=> File Biosis
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.30	584.47

FILE 'BIOSIS' ENTERED AT 10:02:30 ON 04 NOV 2005
Copyright (c) 2005 The Thomson Corporation

FILE COVERS 1969 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNS) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 3 November 2005 (20051103/ED)

FILE RELOADED: 19 October 2003.

=> S 2000:248855/AN
L18 1 2000:248855/AN
(2000:248855/AN)

=> D L18 1

L18 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2000:248855 BIOSIS
DN PREV200000248855
TI Gabapentin-lactam: A novel neuroprotective agent.
AU Lagreze, W. A. [Reprint author]; Mueller-Velten, R. [Reprint author]; Feuerstein, T. J.
CS Universitaets-Augenklinik, 79106, Freiburg, Germany
SO IOVS. (March 15, 2000) Vol. 41, No. 4, pp. S535, print.
Meeting Info.: Annual Meeting of the Association in Vision and Ophthalmology, Fort Lauderdale, Florida, USA, April 30-May 03, 2000.
Association for Research in Vision and Ophthalmology.
DT Conference; (Meeting)
LA English
ED Entered STN: 14 Jun 2000
Last Updated on STN: 5 Jan 2002

=> FIL STINGUIDE
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
2.55	587.02

FILE 'STINGUIDE' ENTERED AT 10:02:53 ON 04 NOV 2005
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (c) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 28, 2005 (20051028/UP).

=> File Biosis
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.06	587.08

FILE 'BIOSIS' ENTERED AT 10:03:29 ON 04 NOV 2005
Copyright (c) 2005 The Thomson Corporation

FILE COVERS 1969 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNS) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 3 November 2005 (20051103/ED)

FILE RELOADED: 19 October 2003.

=> S 2000:100743/AN
L19 1 2000:100743/AN
(2000:100743/AN)

=> D L19 1

L19 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2000:100743 BIOSIS
DN PREV200000100743
TI Gabapentin-lacram, a close analogue of the anticonvulsant gabapentin,
exerts convulsant activity in amygdala kindled rats.
AU Potchenka, Heidrun; Feuerstein, Thomas J.; Loeschner, Wolfgang [Reprint
author]
CS Department of Pharmacology, Toxicology and Pharmacy, School of Veterinary
Medicine, Buenteweg 17, D-30559, Hannover, Germany
SO Naunyn-Schmiedeberg's Archives of Pharmacology, (Feb., 2000) Vol. 361, No.
2, pp. 200-205. Print.
CODEN: NSAPPC. ISSN: 0028-1298.
DT Article
LA English
ED Entered STN: 15 Mar 2000
Last Updated on STN: 3 Jan 2002

=> FIL STINGUIDE
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
2.55	589.63

FILE 'STINGUIDE' ENTERED AT 10:03:51 ON 04 NOV 2005
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 28, 2005 (20051028/UP).

=> File CAPUS
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.18	589.81

FILE 'CAPUS' ENTERED AT 10:05:21 ON 04 NOV 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 4 Nov 2005 VOL 143 ISS 20
FILE LAST UPDATED: 3 Nov 2005 (20051103/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> S 1960:87604/AN

120 1 1960:87604/AN

=> D 120 1

120 ANSWER 1 OF 1 CAPUS COPYRIGHT 2005 ACS on STN
AN 1960:87604 CAPUS
DN 34:87604
ORF 34:166531,166544
TI Pharmacology of a series of a new central-nervous stimulants
AU Erders, A.; Vigelius, W. D.; van Messen, G. C.
CS Godecke & Co., Memmingen, Germany
SO Arzneimittel-Forschung (1960) 10, 243-50
CODEN: ARZNDP. ISSN: 0004-4172
DT Journal
LA Unavailable

=> FIL STINGUIDE
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
3.44	593.25

FILE 'STINGUIDE' ENTERED AT 10:05:48 ON 04 NOV 2005
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 28, 2005 (20051028/UP).

=> File STINGUIDE
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.12	593.37

FILE 'STINGUIDE' ENTERED AT 10:07:06 ON 04 NOV 2005
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 28, 2005 (20051028/UP).

=>